

## REMARKS

The amendments address the antecedent basis and Section 112 objections and do not change the scope of the claims. It is respectfully submitted that the antecedent basis and Section 112 objections are satisfied. The Section 102 rejections are respectfully traversed.

The term “a predetermined correlation” has been added to claims 1 and 16 so that all the other claims referring to the correlation have a proper antecedent basis and the required correlation is clarified.

Regarding Bruun (U. S. Patent No. 4,114,666), the examiner asserts that the crane arm 61 is connected on the front vehicle frame 1 to the turntable 7. However, the boom 9 is connected to the turntable 7 on the front vehicle frame 1 and the crane arm 61 is connected to the rear vehicle frame 2. The turntable 7 is provided with automatic leveling equipment to keep the turntable axle vertical. The turntable can be tilted in relation to the transverse axis 15 by means of a hydraulic cylinder. The leveling is done automatically with the help of electrical sensors.

Bruun does not disclose the limitations of claims 1 and 16. Bruun does not disclose the rotary position of the boom 9 in relation to a vertical axis (the turntable 7 swivelling boom 9 around a vertical axis) being dependent on the angular position of the vehicle frames 1 and 2 (the steering cylinders 4 swinging the vehicle frames 1 and 2 in relation to the vertical axle 3) by means of a predetermined correlation, using automatic control. The angular position changes during driving the vehicle even if the vehicle and the turntable 7 are completely leveled. Bruun does not disclose the rotary position of the boom 9 in relation to a vertical axis being controlled automatically.

Bruun discloses the crane arm 61 being connected to the crane arm mounting 59 attached on the rear vehicle frame 2. The crane arm mounting 59 can be swung around the vertical axle 58. Bruun does not disclose the rotary position of the crane arm 61 in relation to the vertical axle 58 being controlled automatically. Neither does Bruun suggest nor disclose the rotary position of the crane arm 61 in relation to the vertical axle 58 being dependent on the angular position of the vehicle frames 1 and 2 (the steering cylinders 4 swinging the vehicle frames 1 and 2 in relation to the vertical axle 3).

Applicants: Jukka Moisander, et al.  
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Title: Control of the Crane of a Forest Machine During Driving  
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Bruun also does not disclose the limitations of claims 2 and 17. Bruun does not suggest or disclose a load space or bunk for transporting tree trunks but the processing device 29 for delimbing trees. All other claims should be patentable based at least on their dependency.

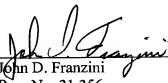
The motivation for using the leveling movement of Bruun is to keep the boom's swing axle vertical when moving trees standing vertically. The crane arm of Bruun does not disclose such a feature. The boom is swung when the vehicle is stopped and the angular position of the vehicle frames does not change. The motivation is to control the rotary position of the boom crane when driving the forest working machine. The boom crane is swung when the forest working machine is moving and the angular position of the vehicle frames is changing.

Accordingly, allowance of claims 1-23 as amended is respectfully requested. No fees are believed due for filing this response, however, please charge any fees that may be due, or credit any overpayment, to Deposit Account No. 17-0055.

Respectfully submitted,

Dated: \_\_\_\_\_

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